

Title (en)

METHOD AND APPARATUS FOR POWER CONTROL OF PUCCH REPETITIONS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR LEISTUNGSSTEUERUNG VON PUCCH-WIEDERHOLUNGEN

Title (fr)

PROCÉDÉ ET APPAREIL DE COMMANDE DE PUISSANCE DE RÉPÉTITIONS DE PUCCH

Publication

EP 4140205 A4 20240110 (EN)

Application

EP 20932097 A 20200422

Priority

CN 2020086121 W 20200422

Abstract (en)

[origin: WO2021212363A1] Embodiments of the present disclosure are related to a method and apparatus for power control of a physical uplink control channel (PUCCH) repetition of a PUCCH transmission with one or more beams or multiple transmit-receive points (TRPs). A method according to an embodiment of the present disclosure includes: receiving configuration information regarding a plurality of PUCCH repetitions of a PUCCH transmission, wherein the configuration information includes a plurality of power control parameter sets corresponding to the plurality of PUCCH repetitions; determining power for each PUCCH repetition of the plurality of PUCCH repetitions according to the configuration information and a mapping relationship between the each PUCCH repetition and a power control parameter set of the plurality of power control parameter sets; and transmitting, by using the determined power for the each PUCCH repetition, the each PUCCH repetition in a time interval of a plurality of time intervals.

IPC 8 full level

H04W 52/28 (2009.01); **H04W 52/24** (2009.01); **H04W 52/32** (2009.01); **H04W 52/48** (2009.01); **H04W 52/54** (2009.01)

CPC (source: EP US)

H04W 52/08 (2013.01 - US); **H04W 52/146** (2013.01 - US); **H04W 52/242** (2013.01 - EP); **H04W 52/325** (2013.01 - EP);
H04W 52/36 (2013.01 - US); **H04W 52/48** (2013.01 - EP); **H04W 52/54** (2013.01 - EP)

Citation (search report)

- [XII] US 2020068497 A1 20200227 - GONG ZHENGWEI [CA], et al
- [XI] VIVO: "Further Discussion on Multi-TRP Transmission", vol. RAN WG1, no. Xi'an, China; 20190408 - 20190412, 7 April 2019 (2019-04-07), XP051699474, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN1/Docs/R1%2D1904096%2Ezip> [retrieved on 20190407]
- [XII] LENOVO ET AL: "Discussion of multi-TRP/panel transmission", vol. RAN WG1, no. Reno, USA; 20191118 - 20191122, 8 November 2019 (2019-11-08), XP051819990, Retrieved from the Internet <URL:https://ftp.3gpp.org/tsg_ran/WG1_RL1/TSGR1_99/Docs/R1-1912316.zip R1-1912316_multi_TRP_v4_final.docx> [retrieved on 20191108]
- See also references of WO 2021212363A1

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US 2023156626 A1 20230518

DOCDB simple family (application)

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